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TITLE: PNEUMATIC TIRE AND ITS
MANUFACTURE
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INVENTOR-INFORMATION:
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ABSTRACT:

PURPOSE: To lighten a pneumatic tire without

reducing its air pressure
keeping ability, by composing an inner liner layer
inside the tire, of
vinylidene chloride- vinylchloride copolymer.

CONSTITUTION: A carcass layer 2 is mounted
between a pair of the right and
left bead cores 1, and an inner liner layer 3 made
of vinylidene chloride-
vinylchloride copolymer is formed on the inner
surface of a tire, inside of the
carcass layer 2. In this case, after laminating
the inner surface of the green
tire made of unvulcanized rubber with the inner
liner layer 3, or spraying or
applying the solution of the copolymer or water
type emulsion thereon, this
green tire is vulcanized. As this inner liner
layer 3 is not permeable to air,
the weight of the tire can be decreased without
reducing air pressure keeping
ability.

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